(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date 18 November 2004 (18.11.2004)

PCT

(10) International Publication Number WO 2004/098786 A1

(51) International Patent Classification?: B05D 5/06, B05C 11/02

B05B 13/04,

(21) International Application Number:

PCT/EP2003/006598

(22) International Filing Date: 23 June 2003 (23.06.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: MI2003A 000918

7 May 2003 (07.05.2003) IT

- (71) Applicant (for all designated States except US): TRE-VISAN COMETAL S.P.A. [IT/IT]; Via Meucci, 4, I-37135 Verona (IT).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): TREVISAN, Silvio, Maria [IT/IT]; Via Mantovana, 103, I-37135 Verona (IT).
- (74) Agent: AAV RAPISARDI MARIACRISTINA UFFI-CIO BREVETTI RAPISARDI S.R.L.; Via Serbelloni, 12, I-20122 Milano (TT).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

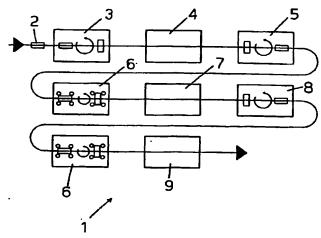
- of inventorship (Rule 4.17(iv)) for US only

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD AND APPLICATION EQUIPMENT FOR THE POWDER PAINTING OF A MANUFACTURED ARTICLE



(57) Abstract: The method used for powder painting a manufactured article comprises the application of a first layer of powder paint, the fixing of the first paint layer, the application of a second layer of powder paint in a colour, tone and/or properties that are different from those of the first layer, the final baking of the first and second layers of paint, the rolling and/or brushing of the manufactured article to confer the required decoration thereon, and it is obtained by the continuous forward movement of at least one manufactured article and by performing by painting means and by rolling and/or brushing means respectively, during the rolling and/or brushing steps, a corresponding closed cyclic passage comprising the movement of the manufactured article for at least a first section during which it is subject to relative transfer between the painting means and the respective rolling and/or brushing means and the manufactured article.